

CLAIMS

1. A dispenser comprising a reservoir containing a plurality of dosage units each of which comprise a formulation of a controlled drug or a drug of abuse, said dosage units being contained in a tamper-evident manner such that access to the dosage units in use is controlled either by the dispenser or remotely and/or is monitored either by the dispenser or remotely.
2. The dispenser as claimed in claim 1 wherein the controlled drug or a drug of abuse is a Class A drug in a non-intravenous formulation, as defined by The Misuse of Drugs Act 1971.
3. The dispenser as claimed in claim 1 or 2 wherein the controlled drug or a drug of abuse is an opioid.
4. The dispenser as claimed in any one of the preceding claims wherein the opioid is methadone or a pharmaceutically acceptable salt or derivative thereof.
5. The dispenser as claimed in claim 5 wherein the opioid is methadone hydrochloride.
6. The dispenser as claimed in claim 4 or claim 5 wherein the formulation is for oral delivery.
7. The dispenser as claimed in any one of claims 1 to 3 wherein the opioid is diamorphine or a pharmaceutically acceptable salt or derivative thereof.
8. The dispenser as claimed in claim 7 wherein the opioid is diamorphine hydrochloride.
9. The dispenser as claimed in claim 7 or claim 8 wherein the formulation is for delivery of the opioid as a vapour.

10. The dispenser as claimed in any one of claims 7 to 9 wherein the formulation comprises one or a plurality of dosage units deposited on one or more heatable surfaces.

5 11. The dispenser as claimed in claim 10 wherein the heatable surface is an electroresistive substrate.

12. The dispenser as claimed in claim 11 wherein the substrate is provided with electrical contacts.

10 13. The dispenser as claimed in any one of claims 7 to 12 wherein the formulation further comprises a non-volatile alkaline substance.

15 14. The dispenser as claimed in claim 13 wherein the non-volatile alkaline substance is a metal bicarbonate.

15. The dispenser as claimed in any of claims 7 to 14 wherein the formulation further comprises an inorganic salt which contains water of crystallisation.

20 16. The dispenser as claimed in claim 15 wherein the inorganic salt which contains water of crystallisation is sodium sulphate.

25 17. The dispenser as claimed in claim 7 or claim 8 wherein the formulation is dry and suitable for nasal delivery upon mixing with aqueous solution.

18. The dispenser as claimed in claim 17 wherein the formulation further comprises a solubility enhancer.

30 19. The dispenser as claimed in claim 18 wherein the solubility enhancer is one or more of caffeine, sodium benzoate and sodium salicylate.

20. The dispenser as claimed in claim 18 or claim 19 wherein the solubility enhancer comprises caffeine and sodium benzoate and/or sodium salicylate.

35 21. The dispenser as claimed in any one of claims 17 to 20 wherein said formulation is a freeze-dried formulation.

22. The dispenser as claimed in any preceding claim wherein more than 1 day's supply of dosage units are contained in the dispenser.

5 23. A reservoir, as defined in any one of claims 1 to 22 for use in the dispenser of claim 1.

24. A method of making a dispenser as defined in any one of claims 1 to 23 comprising introducing the plurality of dosage units into the reservoir and then sealing
10 the reservoir in the dispenser so as to render the dispenser tamper-evident.

25. A vapourisable diamorphine formulation comprising one or a plurality of unit dosages of diamorphine on one or more heatable surfaces.

15 26. The vapourisable diamorphine formulation as claimed in claim 25 wherein the formulation comprises a plurality of unit dosages of diamorphine on a plurality of heatable surfaces.

20 27. The vapourisable diamorphine formulation as claimed in claims 25 or 26 wherein the heatable surface is as defined in either claim 11 or claim 12.

28. The vapourisable diamorphine formulation as claimed in any one of claims 25 to 27 comprising a formulation as defined in any one of claims 13 to 16.

25 29. A formulation as defined in any one of claims 13 to 16 or 18 to 21.

30. A formulation as claimed in either claim 27 or claim 28 for use as a medicament.

31. A controlled method of taking a drug of abuse or a controlled drug comprising
30 administering said drug of abuse or controlled drug from a dispenser as defined in any one of claims 1 to 22.

32. A method as claimed in claim 31 wherein said drug of abuse or controlled drug is present in a formulation as defined in any one of claims 13 to 16 or 18 to 21.

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33. Use of a drug of abuse or controlled drug in the manufacture of a medicament for use in a controlled method of taking a drug of abuse or controlled drug comprising administering said drug of abuse or controlled drug from a dispenser as defined in any one of claims 1 to 22.

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34. Use as claimed in claim 33 wherein said drug of abuse or controlled drug is present in a formulation as defined in any one of claims 13 to 16 or 18 to 21.

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35. A kit of parts comprising a dispenser as claimed in any one of claims 17 to 21; and aqueous liquid for introduction into the dispenser for rendering the formulation suitable for nasal administration.

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